

19. (New) A substrate cleaning apparatus of claim 18, wherein a rotating force of the cleaning roller is transmitted from the substrate rotating mechanism.

20. (New) A substrate cleaning apparatus of claim 17, further comprising a ultrasonic nozzle directing cleaning liquid to the end face of the substrate.

21. (New) A substrate cleaning apparatus of claim 17, wherein each of the rollers having a groove into which the periphery of the substrate is to be inserted. ^(116, 126)
